

FORM PTO-1449		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No.: P19797	Application No. 09/600,890	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Applicant Seiji SHIRAI et al.				
		Filing Date August 16, 2000		Group 2827 2841		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TD	5 8 2 7 6 0 4	10/27/98	UNO et al.			
	5 6 6 2 9 8 7	09/02/97	MIZUMOTO et al.			
	5 9 5 6 8 4 3	09/28/99	MIZUMOTO et al.			
	4 6 8 0 2 2 0	07/14/87	JOHNSON			
	4 7 4 7 8 9 7	05/31/88	JOHNSON			
	5 1 0 3 2 9 3	04/07/92	BONAFINO et al.			
N	4 9 3 7 1 3 2	06/26/90	GAKU et al.			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
TD	9 - 8 3 1 3 8	03/28/97	JAPAN			
	1 0 - 4 6 1 1 9	02/17/98	JAPAN			
	8 - 1 8 2 3 9	01/19/96	JAPAN			
	4 9 - 9 3 8 6 3	09/06/74	JAPAN			
	5 6 - 1 2 2 1 9 4	09/25/81	JAPAN			
	6 - 2 6 0 7 6 6	09/16/94	JAPAN			
	9 - 3 1 2 4 7 2	12/02/97	JAPAN			
	0 7 4 3 8 1 2	11/20/96	E.P.O.			
	0 7 2 7 9 2 6	08/21/96	E.P.O.			
	0 4 9 0 2 1 1	06/17/92	E.P.O.			
b	0 3 2 1 9 7 7	06/28/89	E.P.O.			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
TD	1	Patent Abstracts of Japan, Vo. 1997, No. 07, July 31, 1997.				
	2	Patent Abstracts of Japan, Vo. 1998, No. 06, April 30, 1998.				
	3	Patent Abstracts of Japan, Vo. 1996, No. 05, May 31, 1996.				
	4	Database WPI Section Ch, Week 198022, Derwent Publications Ltd., London, GB; Class A85, AN 1980-39341c, Document XP002238554.				
	5	Database WPI Section Ch, Week 198145, Derwent Publications Ltd., London, GB; Class A85, AN 1981-82484d, Document XP002238555.				
	6	Patent Abstracts of Japan, Vo. 018, No. 661, December 14, 1994.				
TD	7	Patent Abstracts of Japan, Vo. 1998, No. 04, March 31, 1998.				
EXAMINER	12-23-05 Tuan Dinh			DATE CONSIDERED	12-23-05	
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						